	Application No.	Applicant(s)
	09/887,157	TOH ET AL.
Notice of Allowability	Examiner	Art Unit	
	Thomas M. Ho	2134	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *5/2405*.

2. ☒ The allowed claim(s) is/are *1-67*.

3. ☒ The drawings filed on *21 June 2001* are accepted by the Examiner.

4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☒ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
        Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

1.   **Claims 1-67 are pending.**

2.   **The amendment of 5/24/05 has been received and entered**

Reasons for Allowance

Kara fails to disclose the embodiment of claims 1 and 24 that calls for a separate sender public

key and a receiver public key. While seemingly trivial, this limitation in reality doubles the

number of public keys used, complicating the invention recited by claims 1 and 24 substantially

and changing the roles offered by each cryptographic element. No art can be found which reads

upon this further limitation.

Kara also fails to explicitly disclose that they recipient public key is stored in a public key

database. However Kara discloses in Figure 3a, section 3003 that the public key is requested

from a certification system. To acquire a public key from a database in a certification authority

was well known, and indeed is the expected memory structure from which a public key would be

expected to be obtained.

Kara also fails to disclose the directory interface structure to the public key database. Yet,

because virtually all computers use a directory interface structure, such a limitation to access the

public key database would be well known to those in the art.

No art which reads upon the rest of the structure of Applicant's independent claims 1 and 24 can

be found as currently amended. No reasons or motivation can be found to combine a second key

pair used by both the sender and receiver can be found. For this reason, claims 1 and 24 are

allowable.

Conclusion

3   Any inquiry concerning this communication from the examiner should be directed to

Thomas M Ho whose telephone number is (571)272-3835. The examiner can normally be

reached on M-F from 9:30 AM - 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Gregory A. Morse can be reached on (571)272-3838.

The Examiner may also be reached through email through Thomas.Ho6@uspto.gov

Any inquiry of a general nature or relating to the status of this application or proceeding should

be directed to the receptionist whose telephone number is (571)272-2100.

| General Information/Receptionist | Telephone: 571-272-2100 | Fax: 703-872-9306 |
| Customer Service Representative | Telephone: 571-272-2100 | Fax: 703-872-9306 |

TMH

August 18th, 2005

GREGORY MORSE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100